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TITLE: Method for manufacturing plasma display panel

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PATENT-ASSIGNEE: LG ELECTRONICS INC[GLDS]

PRIORITY-DATA: 2000KR-0024074 (May 4, 2000)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
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| KR 363680 B | December 5, 2002 | N/A | 000 | H01J 009/38 |
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APPLICATION-DATA:

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ABSTRACTED-PUB-NO: KR2001100660A

BASIC-ABSTRACT:

NOVELTY - A method for manufacturing a plasma display panel is provided to seal efficiently an exhaust part by installing an O-ring on an exhaust hole and inserting and melting a glass frit therein.

DETAILED DESCRIPTION - An upper substrate(26) is combined with a lower substrate(28). An O-ring(54) is adhered on an exhaust hole(36) formed on the lower substrate(28). An exhaust tube(48) is installed on the O-ring(54). A branched tube(48A) is formed at one side of the exhaust tube(48). A cap(50) for inserting a glass frit(56) is formed at an end portion of the branched tube(48A). Air is removed from a space between the upper substrate(26) and the lower substrate(28) by using a pump and a gas line. A gas is implanted therein. A beam is irradiated to the upper substrate(26) by using a laser or a lamp(58). The glass frit(56) is melted and the exhaust hole(36) is sealed by irradiating the beam.

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TITLE-TERMS: METHOD MANUFACTURE PLASMA DISPLAY PANEL

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